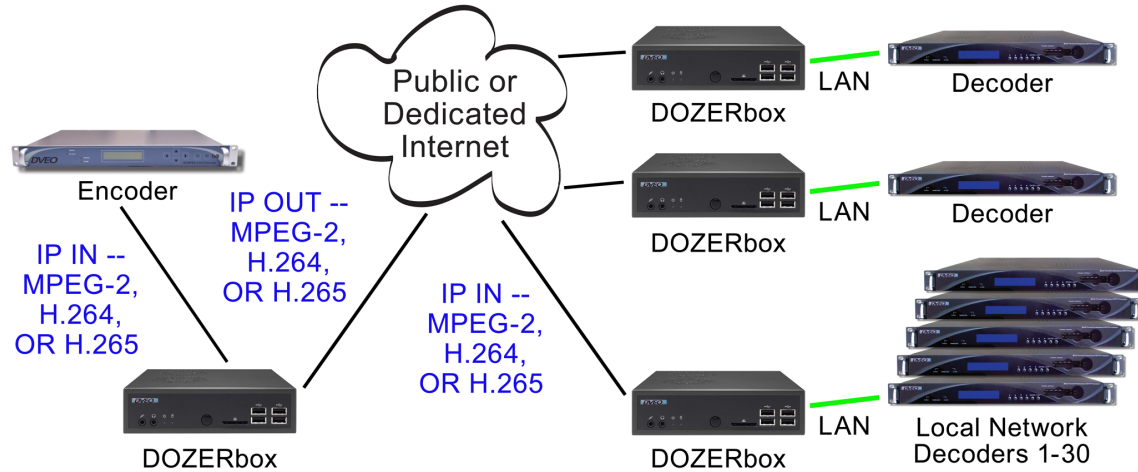




Receiver Quick Start Stream Setup Guide



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DOZERBox Receiver Quick Start Stream Setup Guide

Using the DVEO Web GUI you are able to setup all your inputs, create outputs and monitor your channels from any browser that has access to the unit. This Guide is for the DOZERBox Receiver and shows how to receive your channels from the DOZERBox Transmitter and output to one or many devices locally.

Step 1: Modify the network settings or IP address on DVEO unit to work with the network you prefer to use. If this is not needed then proceed to Step 2.

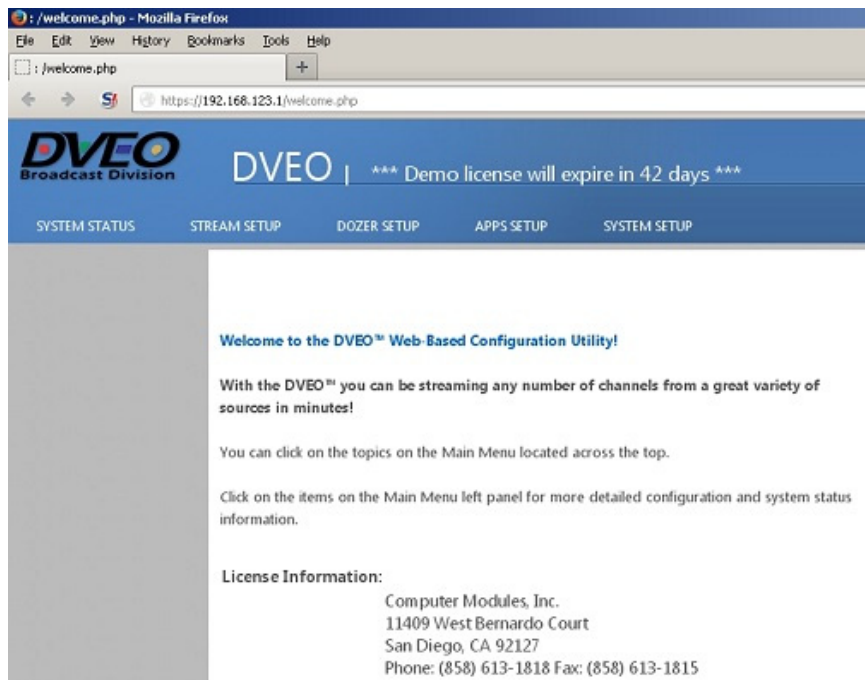


Fig1

1. When you first login to the Web GUI it will show multiple Tabs on top as shown in Fig1.
2. First click on System Setup Tab on the far right.



Fig2

3. After entering System Setup, to enter Network Settings click on Network Setup on left column as shown in Fig2.

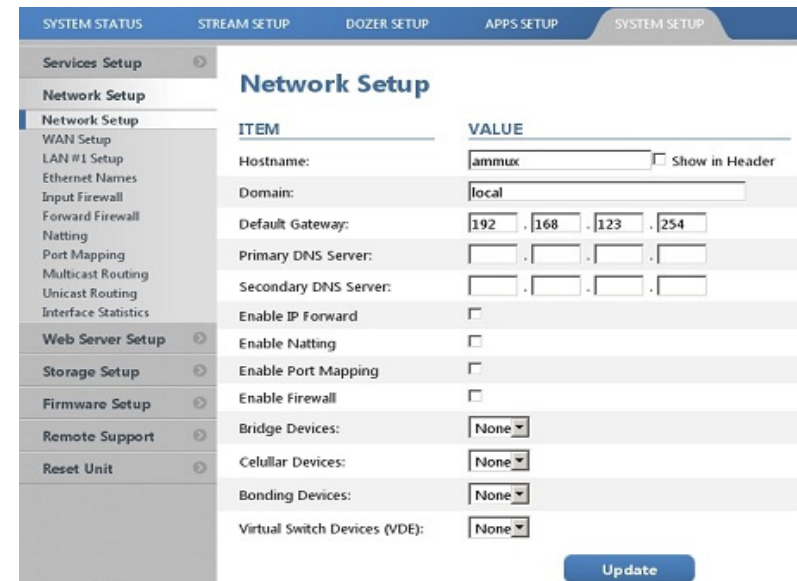


Fig3

4. On the Network Setup page shown in Fig3 you can edit your gateway address and dns. The gateway address is the same IP address of the router. If you do not know what the address is you can go to a PC that is connected to the router, click on the network connection, then click on details, there it will show you the gateway used. You may also go to

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Command Prompt and type in Ipconfig to see the gateway being used. Type in any changes then hit Update on the bottom of the page to save the setting.

- To change the WAN or Port1 IP address of the unit click on WAN Setup on Left Column as shown in Fig3.

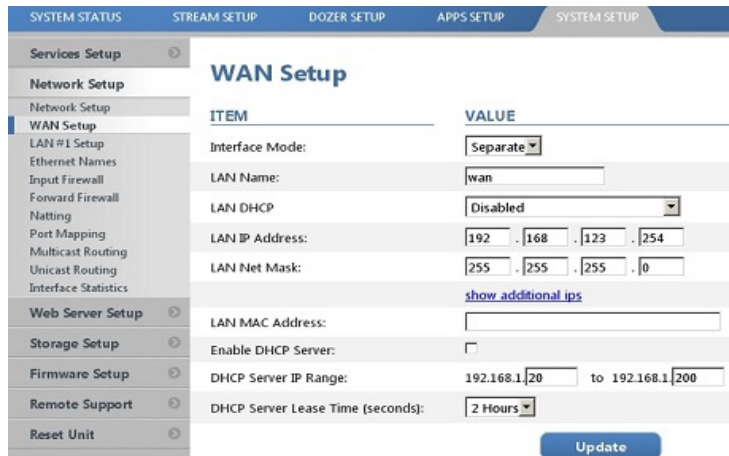


Fig4

- On the WAN Setup page shown in Fig4 you can edit the WAN (Port1) IP address of the unit and subnet mask. To save any changes you must hit Update on the bottom of the page.
- To change the LAN or Port2 IP address of the unit click on LAN#1 Setup on the left column as shown in Fig3 or Fig4.

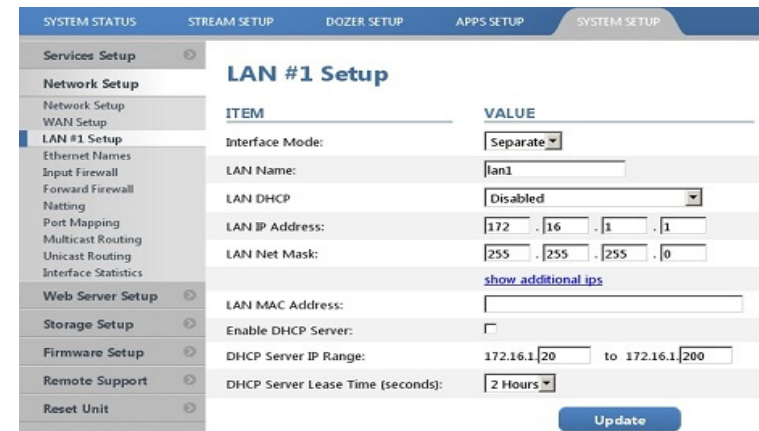


Fig5

- On the LAN Setup page shown in Fig5 you can edit the LAN (Port2) IP address of the unit and subnet mask. To save any changes you must hit Update on the bottom of the page
- To apply any changes made in Network setup you must reboot the unit. To reboot the unit click on Reset Unit on the left column as shown in Fig3, Fig4, or Fig5.

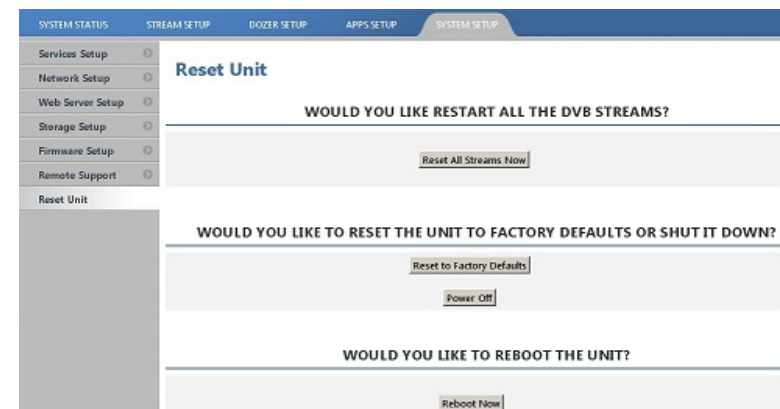
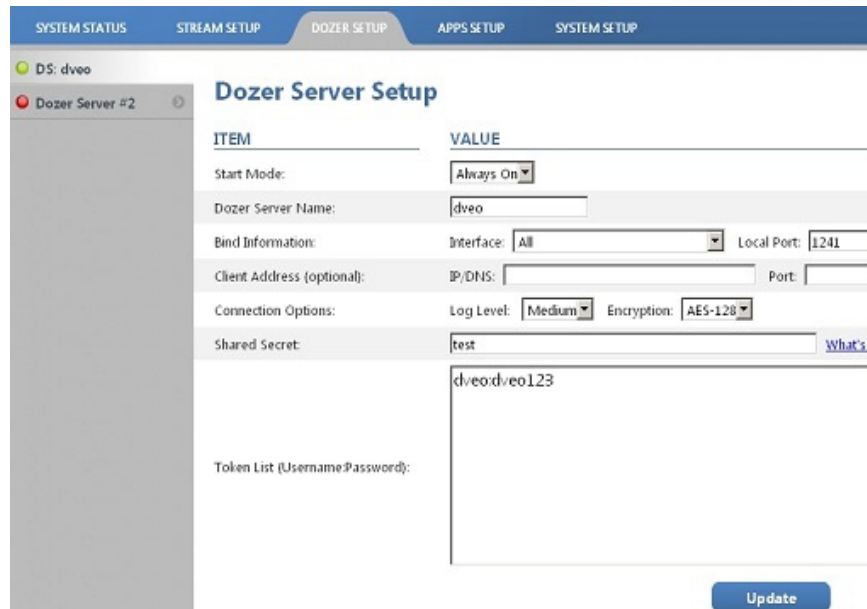


Fig6

- On the Reset Unit page, to reboot the box click on Reboot Now on the bottom of the page and hit OK. After the unit comes back on, your new IP settings will be applied.

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Step 2: Setting Up Dozer Receiver Application to Receive Channels from Dozer Transmitter



ITEM	VALUE
Start Mode:	Always On
Dozer Server Name:	dveo
Bind Information:	Interface: All Local Port: 1241
Client Address (optional):	IP/DNS: Port:
Connection Options:	Log Level: Medium Encryption: AES-128
Shared Secret:	test
Token List (Username:Password):	dveo:dveo123

Fig7

1. Click on Dozer Setup Tab to receive channels from the Dozer Transmitter and then click Dozer Receiver1 on the left column as shown in Fig7.
2. On the Dozer Receiver1 setup page as shown in Fig7, set the following parameters.
3. **Start Mode:** Use Always On if you want the unit to start channel automatically following a reboot or power down. Use Manual if you want to manually start and stop your channels.
4. **Dozer Receiver Name:** Put in a name to describe the channels that are being received.
5. **Bind Interface:** Set interface to All and set the local port to match the destination address and port of the transmitter box.
6. **Transmitter Address:** Leave blank.
7. **Connection Option:** Select the Log Level to use to view the logs.
8. **Shared Secret:** Put in the same shared secret value that was put in the Dozer Transmitter setup.

9. **Token List:** Type in the username and password from Dozer Transmitter setup in the following format username:password
10. To save any changes hit Update on the page.
11. To apply any changes click on Start/Restart on the Service Tab in the top right corner as shown in Fig8.



Fig8

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Step 3: Setting up Test Output from DOZERbox Receiver

ITEM	VALUE
Start Mode:	Always On
NET Name:	1
Input Protocol:	Read Traffic from Dozer Server: dveo
Dozer Stream:	ID: 1 Type: Multicast
Input Buffer Size (ms):	300

Fig9

1. First click on Stream Setup, then click on Net1 Setup on the left column as shown in Fig9.
2. On the Net1 Input Setup page shown in Fig 9 set the following parameters.
3. **Start Mode:** Use Always On if you want the unit to start channel automatically following a reboot or power down. Use Manual if you want to manually start and stop your channels.
4. **Net Name:** Put in a name to describe Input.
5. **Input Protocol:** In the drop down select Dozer Receiver and the name you entered in Step2#4.
6. **Dozer Stream:** Enter the ID of the channels you are receiving from the Dozer Transmitter. Use default Multicast for type.
7. **Input Buffer:** Use default settings.
8. To save any changes hit Update on the page.
9. Once an output is setup click on Start/Restart on the Service Tab in the top right corner as shown in Fig8 to apply any changes.

ITEM	VALUE
Output Profile:	None
Enabled:	☒
Stream Name:	1
Output Format:	HTTP with Transport Stream (TS) envelope
Demux Mode:	Select All
Multibtrate mode:	Single bitrate per mux
HTTP Bind IP:	All Interfaces
HTTP Bind Port:	8080
HTTP Path:	
HTTP Authentication:	Disabled
HTTP Username:	
HTTP Password:	
HTTP Encoding:	Normal Mode
HTTP Stream Link:	http://192.168.1.188:8080/

Fig10

10. To create an output on the left column click on New Output or edit an existing one as shown in Fig10.
11. On the Net1 Output setup page shown in Fig10 set the following parameters to get a test stream going for your channel.
12. **Start Mode:** Use Always On if you want the unit to start the channel automatically following a reboot or power down. Use Manual if you want to manually start and stop your channels.
13. **Enabled:** Check box to enable output.
14. **Stream Name:** Put in a name to describe output.
15. **Output Format:** To run a test output on your channel, choose HTTP with Transport Stream in the drop down.
16. **Demux Mode:** Use Select All option in drop down.
17. Use default settings for the rest of the parameters.
18. To save any changes hit Update on the page.
19. To apply any changes click on Start/Restart on the Service Tab in the top right corner as shown in Fig8.
20. Copy the HTTP stream link URL on the output page and paste into VLC to playback the video. Go to videolan.org to download latest VLC.

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